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Selection of LNA-containing DNA aptamers against recombinant human CD73

Ida C. Elle,[a] Kasper K. Karlsen,[a] Mikkel G. Terp,[b] Niels Larsen,[c] Ronni Nielsen,[d] Nicola Derbyshire,[a] Susanne Mandrup,[d] Henrik J. Ditzel[be] and Jesper Wengel*[a]

[a] *Nucleic Acid Center, Department of Physics, Chemistry and Pharmacy, University of Southern Denmark, Campusvej 55, 5230 Odense M, Denmark*

[b] *Institute of Molecular Medicine, University of Southern Denmark, J. B. Winsløwsvej 25, 5000 Odense C, Denmark*

[c] *Danish Genome Institute, Skt. Lucas Kirkeplads 8, 8000 Aarhus C, Denmark*

[d] *Department of Biochemistry and Molecular Biology, University of Southern Denmark, Campusvej 55, 5230 Odense M, Denmark*

[e] *Department of Oncology, Odense University Hospital, Sdr. Boulevard 29, 5000 Odense C, Denmark*

*To whom correspondence should be sent: Tel: +45 65502510, e-mail: jwe@sdu.dk

Supplementary Table 1. Comparison of aptamer affinities as determined using BIAcore X100 (SPR) and IBIS MX-96 (SPRi).....Page 2

Library	Sequence					
NAC5613	5′-*CTCCATG* *ACTAGAGACGTTC* NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN*CATGGAG* *TATCGCTACTGTG* -3′		CD73	Streptavidin	Lysozyme	Thrombin
Candidate	**Sequence**	**K_D (nM)**	**K_D (nM) as calculated from IBIS MX-96 data**			
NAC6551	5′-*CTCCATG* *ACTAGAGACGTTC* GAGAGCGCATGGACCAACGCTAGTGCAAGA*CATGGAG* *TATCGCTACTGTG* -3′	n.b.	n.b.	n.b.	n.b.	n.b.
NAC6552	5′-*CTCCATG* *ACTAGAGACGTTC* CGCACCGGCATTTGTTACAGGAAGCGCGGT*CATGGAG* *TATCGCTACTGTG* -3′	9.94±0.07	5.49±0.74	n.b.	n.b.	n.b.
NAC6552 DNA	5′-*CTCCATG* *ACTAGAGACGTTC* CGCACCGGCATTTGTTACAGGAAGCGCGGT*CATGGAG* *TATCGCTACTGTG* -3′	5.48±0.04	7.86±0.64	n.b.	n.b.	n.b.
NAC6604	5′-*CTCCATG* *ACTAGAGACGTTC* GGGTGGGTAGGGTGGGCAGGAACGTCTCGA*CATGGAG* *TATCGCTACTGTG* -3′	n.b.*	not tested			
NAC6746	5′-*CTCCATG* *ACTAGAGACGTTC* CGCACCGGCATTTGTTACAGGAAGCGCGGT*CATGGAG* -3′	6.47±0.79	5.57±0.82	n.b.	n.b.	n.b.
NAC6747	5′-*TG* *ACTAGAGACGTTC* CGCACCGGCATTTGTTACAGGAAGCGCGGT*CA* -3′	9.29±0.04	9.27±0.69	n.b.	n.b.	n.b.
NAC6749	5′-*ACGTTC* CGCACCGGCATTTGTTACAGGAAGCGCGG-3′	15.4±0.35	17.1±3.84	n.b.	n.b.	n.b.
NAC6788	5′-*ACGTTC* CGCACCGGCATTTGTTACAGGAAGCGCGG-3′	13.2±1.84	18.62±7.08	n.b.	n.b.	n.b.
NAC6748	5′-CGCACCGGCATTTGTTACAGGAAGCG-3′	n.b.	not tested			
NAC6802	5′-CGCACCGGCATTTGTTACAGGAAGCG-3′	n.b.	not tested			
NAC6789	5′-*ACGTTC* CGCACCGGAAGCGCGG-3′	n.b.	not tested			
NAC6801	5′-T*ACGTTC* CGCACCGGAAGCGCGGA-3′	n.b.	not tested			
NAC6772	5′-*CTCCATG* *ACTAGAGACGTTC* GCACCGGCAATAGTTACAGGATGTCCTAAC*CATGGAG* *TATCGCTACTGTG* -3′	3.54±0.59	4.83±2.01	n.b.	n.b.	n.b.
NAC6750	5′-*CTCCATG* *ACTAGAGACGTTC* GCACCGGCAATAGTTACAGGATGTCCTAAC*CATGGAG* *TATCGCTACTGTG* -3′	4.04±0.28	5.85±0.88	n.b.	n.b.	n.b.
NAC6853 F12	5′-*ACGTTC* GCACCGGCAATAGTTACAGGATGTCCTA-3′	12.5±1.14	13.81±4.2	n.b.	n.b.	n.b.
NAC6970	5′-*ACGTTC* GCACCGGCAATAGTTACAGGATGTCCTA-3′	19.0±0.94	not tested			
NAC6852	5′-CGCACCGGCATTTGTTACAGGAAGCGCGGT-3′	n.b.	n.b.	n.b.	n.b.	n.b.
NAC6854	5′-*ACGTTC* CGCACCATTTGGAAGCGCGG-3′	n.b.	n.b.	n.b.	n.b.	n.b.

Supplementary Table 1. Comparison of aptamer affinities as determined using BIAcore X100 (SPR) and IBIS MX-96 (SPRi).